

MATHEMATICS-INFORMATICS APPLIED
Postgraduate program (2 years) – for three years graduated

First year

No.	Discipline	Semester I						Semester II					
		C	S	L	P	Exam or Colloquy	Credits	C	S	L	P	Exam or Colloquy	Credits
1	Computers networks – models	2		2		E	5						
2	Methods to generate mathematically software	2		1		C	5						
3	Numerically methods for linear algebra	2	2			E	5						
4	Mathematically models for geometric objects	2		1	1	E	5						
5	Numerically methods for otimizations	2	1			E	5						
6	Mathematically models by using conformal mapings	2	2			E	5						
7	Mathematically models for „finding” informations							2		1		C	6
8	Hierarchy and multi-graph mathematically models							2		1	1	E	6
9	Financial mathematics							2	1			E	6
10	Scientific research methodology							2	1			C	6
11	Numerically methods for dynamics sistems							2	2			E	6
TOTAL		12	5	4	1		30	10	4	2	1		30
TOTAL (hour/week and credits)		22 hours						30	17 hours				30

Second year

No.	Discipline	Semester III						Semester IV					
		C	S	L	P	Exam or Colloquy	Credits	C	S	L	P	Exam or Colloquy	Credits
1	Educational software	1		1	1	C	5						
2	Probabilistic and statistic modelling	2		2		E	5						
3	Relational algebra and relational calculus	2		2		E	5						
4	Special functions and applications	2	2			E	5						
5	Operational researches applied in management	2		2		E	5						
6	Mathematically models in techniques	2		1	1	C	5						
7	Mahtematically models in social sciences							2	1	1		C	5
8	Measure and fractals							2	1	1		E	5
9	Experimental mathematics							2	2			E	5
10	Prediction methods in computer sciences - „web” applications							2		1	1	E	5
	Preparedness of the graduation project												10
TOTAL		11	2	8	2		30	8	4	3	1		30
TOTAL (hour/week and credits)		23 hours						30	16 hours				30

RECTOR,

Prof. univ. dr. Ing.Ioan Bondrea

DECAN ,

Conf.univ.dr. Angela Bănădu

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